## **Author Index to Volume 40\***

Abdelsayed G, 2656 Abdi-Dezfuli F, 1669 Abe H, 2561 Abe I, 2002 Abe J, 2602 Abei M, 1174, 1786 Abitbol J-L, 2244 Acalovschi M, 2582 Achkar E, 1400 Achord JL, 622 Adachi A, 722 Adamek HE, 1185 Adamek RJ, 1445 Adams PC, 52, 1589 Adler G, 1179 Adrian TE, 1292, 1297, 1816 Adrien C, 2128 Agnihotri N, 887 Agrawal NM, 1125 Ainley C, 1622 Aisenberg J, 1866 Akiba Y, 1451, 2477 Akkermans L, 901, 2037 Alam M, 2490 Albillos A, 1538 Alegre M-L, 58 Alexander LN, 2192 Alexander RJ, 485 Alfieri E, 2305 Aliotta A, 428 Almer S, 1866 Altman C, 606, 2128 Altman RP, 82 Alvarez I, 2317

Anderson JM, 389 Ando T, 198, 949 Andre M, 525 Andrews FJ, 2684 Anthony LB, 1464 Anti M, 428 Antolín M, 1703 Antonioli D, 2236 Anzini F, 349 Aoyama N, 814 Appasamy R, 571 Arai M, 41, 2300 Arakawa T, 1340, 2469 Arber N, 730, 2431 Areni A, 402 Arias MJL, 1252 Arlow FL, 396 Arora S, 296 Asagoe K, 268 Asakura H, 465, 1193 Ashida K, 1484 Ashley SW, 774 Attili AF, 1770 Aumaitre O, 525

Babbs C, 986
Baca-Estrada M, 331
Bacci S, 357, 2207
Bäck N, 2250
Badiali D, 76, 349
Bagchi D, 853, 1292, 1297
Bagchi M, 853
Baijal SS, 1782
Bailey I, 2323
Baillie J, 73
Bak Y-T, 1149
Baker M, 1729
Baker RD, 510
Baker SS, 510
Balboa A, 1703

Baldi C, 2189 Balestrieri A, 1906 Ball TJ, 1974 Bambery P, 887 Ban A, 2582 Banares R, 2121 Banerjee B, 701 Bank L, 986 Bank S, 668 Barack V, 2010 Baratz M, 2431 Barbagallo S, 2660 Barbara L, 402, 1622 Barbera R, 1636 Barbezat G, 1890 Barclay RL, 1651 Bardham KD, 96S Bardhan PK, 2669 Barnaba V, 2113 Barnert J, 636 Barni C, 528 Barreiro M, 986 Barreto JC, 651 Barry MK, 1738 Barskat B, 2341 Bartle WR, 1951 Bassi C, 734 Basso D, 2473 Bassotti G, 2286 Batra SC, 2712 Battegay M, 1583 Batts KP, 1474 Bauer M, 1199 Baumann R, 1525 Bausano G, 349 Bautista N, 774 Baxi R, 186 Beattie S, 114, 1627 Beccaris A, 1906

Bechi P, 2207

Alvarez-Mon M, 1538

Alvaro D, 1592

Amrom G, 107

Amorosi A, 2207

<sup>\*</sup>S after page number indicates February Supplement.

Beck CK, 1873 Beck D. 1990 Beck PL, 837 Beckh K. 1179 Bedford R. 1400 Bedossa P. 606, 839 Beechev-Newman N. 2152 Beger HG, 366 Beglinger C, 2669 Behera A, 2368 Beil W. 678 Belaiche J, 1750 Belloli C. 402 Beneck D. 82 Benessiano J. 540 Benjamin M, 331 Bentwich Z. 1531 Benveniste J. 2635 Berezin S. 82 Berger J-F, 752 Bergmann C, 2678 Berin CM, 2268 Berkelmans I, 1411 Berlin RG, 63S Berstad A. 1105 Bertaccini G, 2052 Bhargava DK, 1569 Bhargava N, 2446 Bianchi FB, 1902 Biasio A. 1956 Biemond I, 609 Bilchik AJ, 774 Bilenker M. 1744 Bilir BM, 1575 Billi P. 2341 Bini A. 1592 Bisceglie AMD, 1583 Blérv M. 2128 Bloomer MM, 1925 Bluestone JA, 58 Blumstein M, 668 Blustein PK, 837 Blusztajn JK, 1982 Bock KW, 28 Boehmer JP, 1824 Bognel C, 100 Boi MF, 1906 Bollinger RR, 548 Bom HS, 1083 Borch K. 50S Born P, 2731 Borrell M, 1524

Borzio F. 1054 Borzio M. 1054 Boschini A. 1622 Bove-Nielsen M. 1632 Bozorgnia M. 2656 Braden B. 2200 Bradlev B, 812 Brand SJ, 50S Brandabur JJ, 1974 Brasitus TA, 1269 Brass CA, 1045 Braunstein P, 552 Brentegani MT, 2286 Brignola C. 402 Brimblecombe RW, 81S Brolin RE, 1744 Brook MG, 793 Brotschi EA, 1982 Brown CM, 1642 Brown J, 645 Brunetti E, 1582 Bruno S. 1054 Brunori PM, 2074, 2286 Brynskov J. 291 Büchler M, 366, 546, 2134 Buell MG, 2268 Buéno L, 1913 Buffet C, 606, 706 Buhner S. 338 Buhr HJ, 2184 Bunout D, 1243 Burgess P. 645 Burgos E, 481 Burton FR, 1464 Büschenfelde K-HMZ, 763 Buttafoco P. 8 Buttmann A. 1185 Cacace E. 1906 Cadiot G, 1275

Cacace E, 1906
Cadiot G, 1275
Cahill RJ, 1627
Cain KC, 1511
Calabrese C, 402
Calabro A, 2497
Calcara C, 2286
Camargo CA Jr, 73
Campbell DR, 590
Camuńez F, 2121
Canizares LL, 1909
Caplan MS, 495
Capocaccia L, 1592
Capone RA, 229

Cappell MS, 166, 256, 472, 1040 Cappelletti O. 2341 Caprilli R. 305 Cariati A. 2189 Carli L. 1592 Carlson S. 2259 Carlsson E, 50S Carpenter HA, 2098 Carr EA, 967 Carr KE, 967 Carrette O, 2641 Carroccio A. 2555 Carter L. 192 Casado M. 2121 Caspary WF, 2200, 2587 Castagnoli N, 63S Castaño GDLH, 1252 Cattan D. 96S Caturelli E. 428 Cavataio F, 2555 Cave DR, 147 Cave MD, 685 Cazenaue J-P. 1525 Cecchetto A. 1388 Cederberg C, 24S Cedrone A, 428 Cellea F. 2113 Cetta F, 534, 2189 Chakder S, 781 Chamouard P. 1525 Chan TH, 1542 Chan Y-K, 1149 Chan YS, 2312 Chance B. 1045 Chang J, 186 Chang K, 552 Chang K-K, 419 Chang K-Y, 561 Chang T-M, 828 Chaput JC, 839 Chari ST, 247 Chariot J. 540 Chaussade S. 2635 Chawla A, 943 Chawla Y, 2368 Chen C-J, 385 Chen C-Y, 419, 2411 Chen J-S, 1963 Chen JDZ, 2614 Chen YK, 2002

Chey WW, 828

Chia HP, 576

Chia YW, 576 Chiarioni G. 2286 Chikazawa H. 457 Chiloiro M. 1428 Chintalapani S. 1526 Cho CH, 2312 Choi SK. 1083 Chou N-H, 2411 Chou T-C, 419 Chow N-H, 419 Christensen J. 2390 Christian PE, 141 Chrysos E, 2724 Chu C-M, 21, 561, 2107 Chung SCS, 1167, 2516 Chung Y-S, 1005 Cianchi F, 2450 Cianciara J. 1842 Cicala M, 76 Cicalese L. 805 Cioni G. 8 Cittadini M. 305 Clark E. 2390 Clark WS, 2192 Clausen O. 2170 Clavien P-A, 73 Clays-Schouman E, 752 Clemente G. 2121 Clench MH, 1406, 1710 Clouse RE, 1311, 1614 Coerkamp EG, 1395 Coffey RJ, 263 Collen MJ, 1687 Collins RM, 114 Colombel JF, 2641 Colombo M, 2317 Colony PC, 1925 Condon RE, 1417 Conklin J. 2390 Consoli G. 2113 Cook EW III, 282, 2647 Coombe K, 2152 Coran AG, 1420 Corazziari E, 76, 349 Corradini SG, 1174, 1786 Cortesini C, 2450 Cortot A, 2641 Coruzzi G, 2052 Cos E, 2121 Cosenza V, 685 Cosimi AB, 65

Cowles VE, 1417
Craig RM, 843, 2259
Craxi A, 33
Creed FH, 986
Cremer M, 1360
Creutzfeldt W, 50S
Croitoru K, 331
Cross JM, 651
Crotte C, 2336
Crowell M, 2647
Cucchiara S, 1428, 2305
Cuevas JL, 282, 2647
Currò D, 428
Czaja AJ, 33, 435, 2098

D'Amato M, 428 D'Amico E, 2113 D'Argenio G, 685 D'Armiento F. 685, 2305 D'Incà R, 331, 1388 Dabezies MA, 1290 Dagorn J-C, 519 Dajani EZ, 2717 Dantas RO, 177 Dapoigny M, 2244 Darmon E, 1531 Das A, 1782 Datz FL, 141 Davidson P. 645 Davies R. 2526 Davis DR, 1232 Davis GL, 2595 Davis RE, 749 De Diego A, 2121 De Franceschi L. 1902 De La Porte PL, 519 De Magistris TM, 2305 De Ridder W, 901 De Ritis F. 685 De Simone GD, 402 Deckelbaum LI, 1261 Degott C, 1069 Dei R, 2207 Dekigai H, 268, 1332 Delbro DS, 2623 Delpre G, 2293 Demeyere AM, 1317 Dempsey DT, 2227 Denis P, 1411 Dent J, 24S, 901 Desautels SG, 141

Deshpande YG, 1157, 1990

DeVroede G. 1411 Dhar A. 2368 Dhiman R. 2368 Di Febo G. 402 Di Mario F. 2473 Di Matteo FM, 2074 Di Sebastiano P. 366 Diacinti D. 76 Dial E, 2295 Diamant NE, 986 Diaz CF, 750 Dietze O. 2117 Dignass AV, 1859 Dilawari J. 2368 Dinda PK, 1651 DiPalma JA, 1506 Diquattro O, 33 Distrutti E, 1365 Dixon W. 1873 Dominguez-Munoz E, 406 Dosescu J, 1934 Douglas S, 1098, 1607 Douzdjian V, 74 Dowling RH, 2568 Dowsett JF, 1149 Dresner DM, 2081 Drongowski RA, 1420 Drossman DA, 986, 1405, 1763 Du Vall GA, 226 Duan LP, 2200 Dubois A, 211 Ducker TE, 1710 **Duclos B. 1525** Duclos-Vallee J-C, 1069 Ducroc R. 2336 Duerr RH, 805 Duggan C, 2236 Dughetti S, 1582 Dumitrascu D, 2582 Dumitrascu DL, 636 Duniic M. 191 Duntemann TJ, 2081 Dunzendorfer T, 1922 Durand F, 706 Durántez A, 1538 Durham JD, 1575 Dusetti NJ, 519 Dussaix E, 606 Duvillard P, 100 Dysart F, 1157

Couturier D, 2635

Ebert EC, 1744 Ebert M, 2134 Echenagusia A, 2121 Echigo Y, 1207 Edelbroek M, 901 Egawa N, 1087 Ehrlein H-J, 1024 Eidelman S, 2549 Eimerl D, 1035 El-Newihi HM, 622 El-Zaatari FAK, 109 Elder J, 81S

Eliakim R, 503, 1140, 2070 Elias D, 100 Elitsur Y, 1934 Enat R. 2549 Erhardt LJ, 1125 Erlinger S, 1069 Ertan A, 1997 Esquivel MA, 1873 Etienne JP, 706, 2128 Evans JM, 1345 Evans PR, 1149 Everson GT, 1575 Eyster ME, 1583

Fabiano C. 33 Fabre M. 2128 Falconi M, 734 Fallone CA, 936 Fang JWS, 2595 Fang S, 2390 Farouk R, 1607 Farre A, 2317 Farthing MJG, 86, 2383 Fasanmade AA, 983 Faussone-Pellegrini MS, 357 Fave GD, 121S, 1360 Favier C, 2641 Feifel G, 1199 Feinle C, 1636 Fenoglio-Preiser C, 2373 Fernandez OU, 1909 Fernández-Corugedo A, 1538 Ferraz AAB, 1417 Festen HPM, 63S Fiarman GS, 1261 Filice C, 1582 Fink A, 1531 Fink T, 366

Fiocchi C, 1498 Fiocchi M, 2341 Fiorentino G. 33 Fiorucci S, 1365, 2074 Fisher SE, 943 Fitz JG, 73 Fleming KC, 1345 Foitzik T, 2184

Foland JA, 1763 Fontcuberta J, 1524, 1883 Foroozan P, 575

Fouquet G, 828 Fox JG, 147 Fraimow HS, 1257 Francavilla A, 41 Fratag B, 2244 Fratangelo D, 1902 Fratelli V, 2113 Fratti N, 8 Freedman L, 186 Freston JW, 50S Freund H, 1231 Freyssinet J-M, 1525 Fricker E, 74 Fried M, 529

Friess H, 366, 546, 2134 Frigerio J-M, 519 Fritsch J, 2128 Fritz P, 2678 Froehlich F, 529 Frouge C, 2128 Frydman GM, 373 Fujii K, 566 Fujimiya M, 96 Fujimoto E, 2002 Fujimoto J, 859 Fujimoto K, 717 Fujino MA, 916 Fujiwara K, 41 Fujiyama S, 457

Fukatsu A, 949 Fukuda T, 1340, 2469 Fukuma H, 2550 Fukuma T, 2434 Fukushima K, 1498 Fuller J, 2694

Furfaro S, 1592 Furusawa A, 160 Furuyama J-I, 859

Fusamoto H, 1132

Futami S, 814

Gage T, 211 Galati JS, 1381 Galeazzi R. 1770 Gangl A, 800

Ganne-Carrie N, 1069 Garg PK, 1569 Gasché C, 800

Gea-Banacloche JC, 1538

Geis GS, 1125 Gelernt IM, 1866 Geller RB, 1464 Genta RM, 109 Gentry C. 2694 Gentry RT, 2091, 2712 Gerbes AL, 1221 Gerdes D, 1547 Gerken G, 763

Germani U, 2286 Gerolami A. 2336 Gerzic Z, 191 Getz HD, 912 Geubel AP, 308, 1581 Ghent CN, 52 Ghillebert G. 1317

Gholson CF, 1065, 1459 Ghosh L, 219 Giannikos N, 615 Gigliozzi A, 1592 Gilat T. 2431 Gimmon Z, 539 Giorgio I, 1428 Gish R, 2595

Gislason H, 1669, 1720 Giubbolini M, 2189 Glasbrenner B, 406 Glaser K, 853, 1292 Glavin G, 2317 Glick K, 812

Goddard PJ, 1357, 2495 Gödderz W, 763 Goebell H, 1074, 2673

Goff J, 2364 Gofrit O, 2010 Goldin E, 2010

Goldman DE, 1065, 1459 Gontarek JD, 1738 Gonvers JJ, 529

Gonzales FM, 1538 González D, 1883 Gonzalez-Peralta RP, 2595

Goo R, 1526

Goodman ZD, 1232

Finkelstein S, 571

Finlayson NDC, 1394

Gorácz UG, 546 Gorard DA, 86, 2383 Gores GJ, 1474 Gorgescu D, 2656 Goto M, 2162, 2356 Gotoh Y, 717 Grady T. 1547 Graham DY, 109, 2417, 2487 Grandjouan S, 100 Grandt D, 1074 Grant DR, 52 Grattagliano A, 428 Greco L, 2555 Green GM, 624 Greenstein A, 1866 Gregersen H, 976 Gregory GG, 1763 Gremse DA, 1506 Grendell JH, 1464 Grier JF, 1459 Grottola A, 8 Grundy A, 1956 Grunebaum L, 1525 Gschossmann J, 2673 Gu Y-J, 1207 Gu YG, 739 Guan R, 576, 580 Guerra G, 2673 Guerra LG, 1763 Guerra V, 1428 Guimbaud R, 2635 Guiraudon C, 1589 Güldütuna S. 28 Gulla N, 1365 Guo L, 2177 Gurmen N, 427 Guth PH, 1351 Guthrie EA, 986 Gutiérrez-Cabano CA, 2029 Gyr K, 2669

Haag U, 1179 Haber PS, 2712 Habib FI, 349 Hadengue A, 1069 Hagege H, 706 Hajiro K, 2407 Håkanson R, 50S Haley-Russell D, 1798 Hall A, 793 Hall JC, 920

Hallak A, 2431

Hallett JL, 1311 Halline A, 1269, 1531 Hally RJ, 1257 Halperin EC, 548 Halpern Z, 2431 Halter F, 24S, 2481 Hamanaka Y, 722 Hamasaki T, 722 Hamilton H, 1627 Han K, 1213 Hanada H, 566 Hanauer S, 296, 931 Hankewych M, 1269 Harada H, 274 Harada M, 160, 2043 Harada T, 465, 879 Harbauer G, 1199 Hardcastle JD, 2522 Hardy E, 1892 Harford WV, 2197 Harmsen WS, 819, 1345 Harpaz N, 1866 Harpez N, 1531 Harris AG, 1464 Haruma K, 2064 Haruta J-I, 198, 949 Hasegawa J, 893 Hashimoto N, 1213 Hashimoto O, 566 Haskel Y, 1035 Hatakeyama K, 893 Hauer-Jensen M, 2170 Haug TT, 1105 Hawkey CJ, 63S Hay CR, 793 Hayashi J, 1837 Hayashi N, 1561 Hays RD, 1873 Hazzard RA, 967 Heading RC, 1098, 1607 Healy M, 2456 Heatley RV, 81S Heaton KW, 1956 Heeckt PF, 805 Heimann T, 1866 Heitkemper MM, 1511 Helander H, 121S Hémond M, 1411 Hermon-Taylor J, 2152 Herr W, 763

Herrera JL, 211

Hickman R, 1246

Higashide S-I, 1207 Higuchi K, 1340 Higuchi S, 465 Hikiba Y, 1831, 2398 Hilbinger CL, 1982 Hildebrand P, 2669 Hilzenrat N, 1941 Hinder PR, 853, 1292 Hinder RA, 853, 1292, 1297 Hines OJ, 774 Hino K, 14, 566 Hirabayashi S, 2550 Hiraishi H, 872, 879, 2704 Hirata I, 1484 Hirata K, 41 Hirayama C, 2602 Hirsch S, 1243 Hirschowitz BI, 3S Hlatshwayo S, 1246 Hlinka M, 739 Ho K-J, 1963 Hoang P, 308 Hodges GM, 967 Hoefs J, 552 Hoffman JS, 147 Hoffman-Terry ML, 1257 Hofmann AF, 1474 Hogan DL, 241 Holl J, 1775 Holland TE, 389 Holst JJ, 1074 Holt S, 121S Holtmann G, 2322, 2673 Holton J, 1622 Holzbach RT, 1174, 1786 Homma S, 893 Honda Y, 457 Honsako Y, 814 Horie T, 1792 Horikoshi T, 598 Horowitz M, 901 Horsmans Y, 308, 1581 Hoshika K, 287 Hotz HG, 2184 Houdayer C, 839 Hove H, 320, 1372 Howard TJ, 709 Howden C, 24S Hsieh S-Y, 2107 Hsueh W, 495 Hudson M, 793 Huge A, 1024

Huggins TL, 2197 Hughes G, 2152 Hunt R, 1S, 24S Hunter J, 1093 Huprikar JS, 412 Husebye E, 792 Hussaini SH, 2568 Hutson WR, 141 Hyams D, 2373

Iacono G, 2555 Iazigi N, 177 Ibach MB, 1459 Ieda M, 198 Ieda M. 949 Iida M, 287 Iinuma S, 2300 Iishi H. 696 Ikeda M, 916 Ikeda T, 2434 Ikeda Y, 1213 Ikegami M, 48 Ikei S, 2177 Ikematsu H, 1837 Ilan Y. 2010 Imaeda H, 1193 Imamura M, 1207 Ina K, 198, 949 Inaba H, 814 Infantino A, 2450 Ink O. 706 Inoue J, 1451, 2477 Inoue K, 1207 Inoue S, 287 Insabato L, 2305 Iobagiu S, 2582 Ioffe S, 678 Iokawa H, 198, 949 Iovanna JL, 519 Iovino P, 685 Isenberg JI, 241 Ishak KG, 1232 Ishihara A, 198, 949 Ishihara Y, 1279 Ishii H, 1193, 1451 Ishikawa O, 696 Ishiko H, 14, 566 Ishiwata J, 1087 Itabashi M, 1845 Ito T, 1451, 2162, 2477 Itoh S, 1845

Iturriaga H, 1243 Ivey KJ, 872, 2704 Iwakiri R, 717 Iwamura S, 1226 Iwao J, 48 Iwao T, 48 Iwata F, 1112, 1118, 1729 Izzo A, 2635

Jabbour N, 1041 Jablonská M, 2016 Jacoby R, 1269 Jäis P. 752 Jakobsen E, 1659 Janicki P, 1246 Janik D, 147 Janowitz P, 1179 Jansen SL, 976 Janssens J, 1317 Jarrett M, 1511 Järvinen H, 2250 Jazrawi RP, 1956 Jehn D, 739 Jensen RT, 153 Jimenez C, 481 Jimenez RE, 1738 Jimenez-Heffernan JA, 481 Jin G, 1816 Johnson C, 2323 Johnson PJ, 2516 Johnson TJ, 1816

Jones AF, 2522

Judmaier G, 1805, 2117

Joo YE, 1083

Joutsi T, 631

Juhl CO, 2717

Jüngst D, 1174

Julia V, 1913

Jurim O, 539

Kadakia CSC, 1283 Kahl EA, 1982 Kaiser AM, 1547 Kajiyama G, 2064 Kakita A, 1946 Kakudo K, 1279 Kalloo AN, 745 Kalogeropoulos N, 615 Kamada T, 1132 Kamii K, 1831 Kamimura T, 465 Kaminski DL, 1157, 1990 Kanavama K. 949 Kaneko H, 160, 2043 Kanel G, 552 Kang JY, 576, 580 Kania RJ, 812, 1147 Kanth N. 186 Kanzaki M, 2280 Kao J, 1729 Kapadia CR, 1261 Kaplan-Liss E, 485 Karameris A, 615 Karl PI, 943 Karmeli F, 503, 1140 Karmeli Y, 2070 Kasapidis P, 2724 Kashima K, 2630 Kashima MK, 2423 Kashiwagi S, 1837 Kasteel VV, 1395 Kasuga M, 814, 1679 Katariya R, 2368 Kathrein H. 2117 Kato H, 1213 Katz E, 1093 Kauffman GL, Jr, 1925

Kaur S, 887 Kaur U, 887 Kavin H, 2239 Kaw M, 921 Kawamura N, 2280 Kawamura O, 598 Kawano S, 1132 Kawano S-I, 457 Kawase T. 2398 Kawczak P, 1786 Keane C, 114 Keane D, 2456 Keeling D, 3S Kellow JE, 1149 Kelly L, 1261 Kemseke CV, 1750 Kennedy C, 2568 Kepczyk MT, 1283 Keränen U, 2250 Kerstein MD, 107 Khallou J, 2540 Khullar M, 887 Kikuchi K. 598 Kilgallen C, 1627 Kim M-H, 2143

Itoh Y, 2423

Kimura T, 2356

King D, 2660

King RL, 134 King WW, 147 Kinjo M, 2356 Kinjoh M, 2162 Kinoshita M, 661 Kirman I, 291 Kirschner T, 636 Kirsner JB, 1851 Kisfalvi K, 546 Kishihara Y. 1837 Kita T, 268, 1332 Kitahora T, 1306 Kitajima M, 1306, 1451, 2477 Kitamura T, 696 Kitano A. 2630 Kivilaakso E, 631, 2250 Kiviluoto T, 631, 2250 Kjaersgaard E, 291 Kjosser K, 1408 Klar E, 2184 Klein H, 226, 1924 Klein PD, 109, 2417 Klein S, 226, 1924 Klinkenberg-Knol E, 96S Klotz U, 2678 Klueppelberg U, 1775 Kluger Y, 539 Knauss M, 2438 Knutson LF, 241 Knutson TW, 241 Ko JKS, 2312 Kobayashi F, 2434 Kobayashi K, 1340, 2630, 2469 Koch TR, 1691 Kogire M, 1207 Kohara M, 2595 Kohler B, 1185 Kojima H, 465 Kojima I, 2280 Kojima Y, 916 Kokusenya Y, 661 Kolberg J, 1659 Koltun WA, 1925 Komatsu Y, 1213, 2398 Konda Y, 1679 Kondo M, 2019, 2300 Konikoff F, 2431 Konishi T, 14 Konishi Y, 2407 Körber J, 338 Korc M, 2134 Korkis AM, 1520

Korsten MA, 2712 Korula J, 2119 Koss MA, 241 Kotera H, 160, 2043 Koussayer T, 1710 Koyama T, 717 Koyanagi S, 2162 Kozarek RA, 1974 Kranz V, 668 Kratzer W, 1179 Kretchmar DH, 1297 Kreuning J, 609 Krevsky B, 1290 Kruse-Andersen S. 1659 Kubota T, 1306 Kufman Y, 2549 Kuhn K, 1445 Kumai K, 1306 Kumar A, 1394 Kumar C, 1045 Kumpe DA, 1575 Kuo Y-C, 749 Kurata JH, 2002 Kuroda C, 696 Kuroiwa A, 198, 949, 2321 Kurokawa K, 1213 Kurosaki M, 2434 Kurtin WE, 2191 Kurumado K, 2561 Kusaka S, 268 Kusano M, 598 Kusano Y, 2002 Kusugami K, 198, 949 Kusumi F, 2407 Kuwana K, 465 Kvinnsland S, 1720, 2509 Kwan D, 1951 Kwok YN, 96 La Mont JT, 1922

La Mont JT, 1922 La Nasa G, 1906 Lacayo L, 1093 Lachter J, 2549 LaFontaine S, 1459 Lai KN, 1542 Lai MA, 1906 Laka A, 308 Lake-Bakaar G, 2349 Lam SK, 63S Lamb C, 2152 Lambrecht N, 2460

Lamers CBHW, 609, 1360

Lange H, 1015 Lange S, 2623 Lange V, 1174 Lange W, 1015 Langenbeck U, 28 Langman MJS, 63S Lanzini A, 1956 LaRosa K. 510 Larson GM, 645 Laskus T, 1, 1842 Lau JYN, 2595 Lavy A, 2549 Lawrence SP, 1575 Lawson N, 2522 Lay TE, 837 Layer P, 1074 Leach IH, 315 Ledesma F, 1252 Lee HP, 576 Lee K-T, 757 Lee KKW, 805 Lee M, 2526 Lee SP, 2143 Lee WY, 2516 Leger-Ravet MB, 839 Leichtner AM, 2236 Lemaigre G, 839 Lembcke B, 2200 Leming SC, 1691 Lenschow DJ, 58 Leo VD, 1388 Leow T-C, 419 Lepsien G, 1015 Leroi A-M, 1411

Leung FW, 1112, 1118, 1729 Leung N W-Y, 1542 Leuschner U, 28 Lev R, 2526 Levin B, 1464 Levine RA, 134 Lewin M, 3S Lewis L, 1511 Lezotte DC, 1575 Li A, 1157, 1990 Li AKC, 2516 Li PK-T, 1542 Li X, 1014 Li Z, 986

Liaw YF, 21, 561, 2107, 2214

Libby GW, 86, 2383 Lichtenberger LM, 1357, 2295

Lieber CS, 2091, 2712

Lim RT, 2091 Lin DY, 21 Lin J-T, 385 Lin P-W, 2411 Lin T-T, 2214 Lin X-Z, 419, 1963, 2411 Lin ZY, 2614 Lindeman J, 609 Lise M, 2450 Liu X. 2162 Liu Y, 495 Livni N, 2010 Lochs H, 800 Löhr H, 763 Lombardo F, 534, 2189 Lorello D, 2555 Losanoff J, 1408 Louis E, 1750 Lubcke R, 1890 Lubensky IA, 153 Luk G, 1526 Lundborg P, 63S Lundell L, 1632 Lundquist M, 1526 Lutton C, 2540 Lynn RB, 781 Lyubsky S, 2349

Maaravi Y, 1941 MacCarty RL, 128 MacVittie TJ, 211 Madar Z, 960 Madsen T. 1659 Madura JA, 709 Maeda T, 1226 Magrin S, 33 Magrini P, 349 Mahalanabis D, 2669 Maher MM, 1738 Mahieu P, 1750 Maier C, 1179, 1360 Majumdar APN, 396 Malagelada J-R, 1703 Malcontenti-Wilson C, 2684 Malet PF, 534 Malfertheiner P, 406 Maliakkal B, 1526, 1531 Manenti F, 8 Mann NS, 2380 Manzano L, 1538 Marcheix J-C, 525 Markis E, 800

Marks INS, 24S Marteau C, 2336 Martin E, 2128 Martines D. 1388 Martinez E, 1883 Martinez-Garcia CM, 481 Martini N, 734 Martinolle JP, 2635 Marumo F, 1060, 2434 Maruo M, 2407 Marutani K, 1845 Maruyama S, 2602 Mary JY, 1750 Marzi I, 1199 Masaki N, 41 Masciotra L, 519 Mashima H, 2280 Masini E, 2207 Mason RA, 1179 Massimillo AJ, 186 Masterton G, 1394 Masuda Y, 1554 Mateo J, 1883 Mathews JS, 622 Mathias JR, 1406, 1710 Mathur S, 2446 Maton PN, 96S Matozaki T, 1679 Matsuda K, 1679 Matsuda NM, 177 Matsui A. 41 Matsui K, 2602 Matsumura M, 2398 Matsunaga C, 717 Matsuo H, 893 Matsuo S, 1845 Matsushita M, 2407 Matsuura N, 1279 Matsuura T, 949 Matsuyama K, 2019, 2300 Mavrogeorgis A, 615 Mawet E, 1831 Mayer B, 357 Mayer L, 485, 1866 Maza MPDL, 1243 Mazzacca G, 685 Mazzucchelli L. 1463 McAlister VC, 52 McCallum RW, 2614 McCarthy C, 114

McCloy RF, 96S

McCormick D, 1269

McCutcheon M, 282 McDonnell WM, 2608 McDougall CJ, 1520 McFadden DW, 774 McFee RB, 2656 McGarr J, 1147 McKay DM, 331 McKee DP, 1381 McLean R, 2660 McMahan CA, 624 McNally PR, 1232 Mearin F, 1703 Mee AS, 837 Meise KS, 263 Melarange R, 2694 Melton LJ III, 1345 Menegatti M, 1622 Menini E, 428 Mercer DW, 651, 2227 Merchant NB, 2227 Merighi A, 8 Mertz HR, 1873 Messori A. 734 Mets B, 1246 Metz CA, 645 Metz DC, 153, 912 Meyer JH, 739 Mezzasalma T, 1913 Michaud GA, 943 Micksche M, 800 Midis NA, 1982 Miglioli M, 1622 Miglioli M, 2341 Mignon M, 752, 1275 Mihas AA, 622, 1039 Mikhail N, 1040 Milani S, 2497 Miller TA, 120, 651 Minami A, 2550 Minella R, 1428, 2305 Miner P. 296 Miniero R, 2341 Minniti G, 2286 Minocha A, 1757 Mirmiran-Yazdy SAA, 2712 Misiewicz JJ, 81S Mitsuma T, 160, 2043 Miura S, 1193 Miura T, 1226 Miyagawa S, 2002 Miyahara T, 2356 Miyakawa H, 1060

Miyamoto H, 1279 Miyamoto M, 814 Miyasaka M, 2300 Miyazaki M, 598 Miyoshi H, 1484 Mizokami M, 2595 Mizon C, 2641 Mizon J, 2641 Mizuno M, 287 Mobarhan S. 1531 Mochida S. 41 Modignani RL, 1054 Modlin IM, 121S Moen E, 2170 Molas G, 540 Molinaro N, 1902 Molloy PJ, 812, 1147 Momma K, 1087 Mondelli MU, 2595 Montalto G, 2555 Montuschi P, 428 Moody FG, 1798 Moore EW, 2220 Moore JG, 141 Moore SB, 2098 Moran A, 2522 Morelli A, 1365, 2074, 2286 Morencos FC, 1252 Morgan T, 552 Mori K, 548 Morikawa Y, 1279 Morimoto S, 814 Morise K, 160, 198, 949 Morita A, 1193 Morita H, 717 Morozumi A, 916 Morris GP, 936, 1651 Morrow JS, 389 Morselli-Labate A, 2341 Morshed SA, 2550 Mortensen PB, 320, 1372 Moshier JA, 1934 Moshkowitz M, 2431 Moulder JE, 1691 Moya P, 1243 Muallem R, 678 Mulargia M, 1906 Mulè P, 1622 Muller K-M, 2560 Muncy DM, 1798 Murakami M, 268, 1332

Murray J, 2390 Musacchio T, 2656 Muto T, 893 Mutoh H, 872, 2704

Naccarato R, 1388 Nadler SC, 256 Nag M, 1157, 1990 Nagai H, 160, 2043 Nagao M, 1679 Nagel E, 338 Nagoshi S, 41 Naito Y, 2019, 2300 Naiton T, 1484 Nakaizumi A, 696 Nakamura M, 1451, 2477 Nakamura T, 916 Nakamura Y, 2300 Nakano I, 2162, 2356 Nakano O, 1679 Nakashima T, 814 Nakata R, 1831, 2398 Nakatsu T, 2550 Nalesnik MA, 805 Nandi J, 134 Narasimhan G. 943 Naruse T, 814 Nathanson MH, 1261 Naum SM, 1147 Naveau S, 839 Nawata H, 2162, 2356 Nensey YM, 396 Neubrand M, 1775 Neut C, 2641 Nguyen A-MH, 109 Nguyen BL, 1491 Nielsen OH, 291 Nishijima T, 1845 Nishikawa K, 1792 Nishimura S, 2019 Nishioji K, 2423 Nishioka M, 2550 Nishisaki H, 1679 Nissan A, 1231 Niu Y, 2293 Niwa Y, 2398 Niwamoto H, 859 Nobusawa R, 2280

Noffsinger A, 2373

Nordenberg J, 730

Northfield TC, 81S, 1956

Nold JB, 211

Nose Y, 814 Notarbartolo A, 2555 Nour B, 1041 Novello P, 100 Nowak TV, 828 Nunes FA, 1045 Nuutinen H, 1174, 1786 Nyska A, 960

O'Brien BL, 1269 O'Brien PE, 373, 2684 O'Dorisio TM, 1464 O'Keefe S, 2465 O'Meara B, 2390 O'Moore R, 2456 O'Morain C, 114, 1627, 2731 Öberg K, 1526 Ochiai M, 916 Oda M, 1451, 2477 Odes HS, 678 Öfner D, 1805 Ogata I, 41 Ogata S-I, 717 Ogawa M, 548, 2177 Ogura K. 2704 Ohano M, 2407 Ohigashi H, 696 Ohkoshi S, 465 Ohmiya M, 1837 Ohmoto A, 814 Ohning GV, 1351 Ohno A, 41 Oho K, 48 Ohshiba S, 1484 Ohta Y, 41 Ohuchi T, 274, 670 Ohwada T, 598 Oka S. 2630 Okabe N, 2321 Okabe S, 3S, 274, 670, 865 Okada M, 2321 Okamoto E, 859 Okana K, 2398 Okano A, 2407 Okano H, 814 Okano K, 1831 Okanoue T, 2423 Okazaki M, 566 Okita K. 14, 566 Okon E, 503, 1140 Oktay S, 427

Okuda M, 14, 566

Muranaka T, 1554

Okuda S, 696 Okuno M, 1005 Olawuyi F, 983 Olbe L, 50S Olinici CD, 2582 Olivato R, 734 Oliveira RB, 177 Oliver M. 1589 Olubuvide IO, 983 Omar R, 1757 Omata M, 1831, 2398 Onishi S, 1226 Ono H, 1306 Opekun A, 2417 Orbuch M, 153 Orchard JL, 183, 346 Oremak G. 2587 Oren R, 1941 Orntoft TF, 2717 Orsini B, 2497 Oshiumi Y, 1554 Ota S, 872, 2704 Otani Y, 1306 Otterson MF, 1691 Ouyang A, 1824 Øvrebø K, 1720, 2509 Owyang C, 2608 Ozmen M, 2323

Pachter BR, 2656 Pagliaro L, 33 Paimela H, 631, 2495 Paladini I, 2497 Palazzi C, 2113 Panja A, 485 Panula P, 2207 Papatheodorou G, 615 Pape GR, 1221 Papp M, 546 Paramelle O, 752 Park HZ, 2143 Parkinson A, 63S Paroli M, 2113 Parolisi S, 2614 Parquet M, 2540 Parsons M, 3S Pascu M. 2582 Pasricha PJ, 745 Patankar R, 2323 Patchett S, 114 Paterson WG, 1325, 1651 Patterson DJ, 1974
Pauletzki J, 1775
Paumgartner G, 1775
Pauwels S, 1581
Paye F, 540
Pazzi P, 1770
Pederzoli P, 734
Peen E, 1866
Pellecchia C, 186
Pelletier G, 706
Pemberton JH, 1474
Penney AG, 2684
Pentasa UC Maintenance Study

Group, 296 Perdikis G, 853, 1292, 1297

Perdue MH, 331 Pereira SP, 2568 Perez-de-la-Serna J, 1423 Pérez-Roldán F, 2121 Perkins WE, 1435 Perna C, 481 Persico M, 263 Persing DH, 1 Peskar B, 2460 Pesko P, 191 Petermann M, 1243 Peters M, 763

Petorak V, 346 Petrescu M, 2582 Petroni ML, 1956 Pezzilli R, 2341 Pfaffenbach B, 1445 Phillips SF, 819, 1474 Phillips WT, 624 Piat C, 1592 Pichlmayr R, 338 Piette J-C, 525 Piga M, 1906 Pigozzi MG, 1956 Pimentel RR, 1400 Plaskon LA, 709 Plebani M, 2473 Plusczyk T, 1199 Podolsky DK, 1859

Pompili M, 428 Pooley N, 219 Poon ASY, 1542 Potet F, 752, 1275 Pottage A, 81S Pötzi R, 800

Poulsen SS, 2717 Pounder RE, 793 Powers R, 121S Prade M, 100 Propst A, 1805, 2117 Propst T, 1805, 2117 Pryde A, 1098, 1607 Prystowsky JB, 412 Przemioslo R, 837 Pujol J, 1883 Purdue GF, 2197

Quigley EMM, 1381, 1491, 1816 Quintieri A, 1365

Rabassa AA, 1997 Rachmilewitz D, 503, 1140, 1859 Rademaker AW, 412 Raedle J. 2587 Rahav G, 2070 Rahman MM, 2669 Raicht RF, 485 Rainsford KD, 1435 Rakela J, 1 Rakic S, 191 Raltz SL, 1974 Raminovitz M, 571 Ramos LM, 1252 Rampazzo R, 734 Rapaccini GL, 428 Ratge D, 2678 Rattan S, 781 Read NW, 986, 1636 Reddy J, 1526 Redfern JS, 1464 Redmond EJ, 1292, 1297 Redmond EJ, 853 Rees WDW, 1642 Rege RV, 412 Reich RN, 943 Reimer R, 678 Reinisch W, 800 Respondek M, 2460 Rew JS, 1083 Reyes J, 1041 Ribot XD, 1703 Ricci C. 1622 Richert SM, 183 Richter JE, 282 Riddell RH, 96S Riemann JF, 1185

Patoia L, 2074

Riepl RL, 406

Riezzo G, 1428

Rikkers LF, 1816

Rimm DL, 389 Riottot M, 2540 Ritchie WP, 2227 Ro T, 1554 Roberts AI, 1744 Robin E, 1069 Robinson M, 296, 590, 931, 2522 Robinson MHE, 315 Roca M. 1524, 1883 Rodger PJ, 774 Rodriguez-Laiz JM, 2121 Roelofs JMM, 2037 Rokkas T, 615 Romagnoli P, 357, 2207 Romagnoni M, 1054 Romano M, 263 Romero FP, 1252 Romero J, 2295 Rosa TL, 1592 Rossi SS, 1474 Roth WK, 2587 Rougier P, 100 Roy A, 52 Rozé C, 540 Rozen P. 1531 Rubin P, 1866 Rubin RA, 1257 Rubio MD, 1423 Rugge M, 2473 Ruggiero F, 1824, 1925 Ruiz-de-León A, 1423 Rune S. 24S Russell DH, 651 Ruth M. 1632 Rütz K, 1659

Sabesin SM, 590
Sachar D, 1866
Sachs G, 1S, 3S
Sackmann M, 1775
Sagredos AN, 338
Saibara T, 1226
Saita H, 268
Saito Y, 198
Sakai T, 2321
Sakaki M, 48
Sakaki N, 1087
Sakamoto C, 1679
Sakamoto M, 2423
Sakamoto S, 2423, 2434
Sakata Y, 717

Saku M, 1554

Salet GAM, 2037 Saluja M. 1547 Salvadori G. 2497 Samsom M. 2037 Samuels LE, 107 Sanchez MA, 481 Sandberg N, 1632 Sandborn WJ, 1474 Sanders JC, 1583 Sandle LN, 1642 Sankey SL, 781 Sano N. 1792 Santo M, 2431 Santrach PJ, 2098 Santucci L, 2074 Sarai S, 198, 949 Saraswat VA Sarem-Aslani A, 2678

Sarker SA, 2669 Sarpi L, 1365 Sato C, 1060, 2434 Sato K, 893 Sato S, 457 Sato T, 457, 916 Sauerbruch T, 1775 Sawada T, 1005 Sawyerr AM, 793 Scalzini A. 528 Schaaf N, 1750 Scheid J, 247 Schiffman J, 1035 Schirren CA, 1221 Schirren CG, 1221 Schmassmann A, 2481 Schmidt J, 2184 Schneider BL, 943

Schulte WJ, 1417 Schulze-Delrieu K, 1015 Schumacher U, 2532 Schuster MM, 986 Schuurkes J, 901 Schwartz E, 1290 Schwartz J, 296 Schwartz JG, 624 Schwartz MR, 1997 Schwarz SM, 82 Schwarzendrube J, 1174, 1786

Schoonbroodt D, 308

Schraut WH, 805

Schwarzendrube J, 11/4, 1 Schwenk M, 678 Schwesinger WH, 2191 Sciamanna V, 428 Scoppa A, 2305 Scremin OU, 1112 Scroccaro G, 734 Scully L, 1589 Seelen PJ, 1395 Seium Y, 8 Sekas G, 921 Sekiguchi T, 598 Sekijima J, 2143 Seno K, 1729 Sessa G, 263 Sevilla-Mantilla C, 1423

Sewing K, 3S Sewing K-F, 678 Shamberger RC, 2236 Shamir R, 730

Shapiro MF, 1873 Sharma R, 2091, 2532 Sharma S, 2446 Sharon P, 219 Shaver J, 1511 Sheen IS, 21, 2107 Sheen P-C, 757 Sherman TM, 1614

Sherman TM, 1614 Sheu-B-S, 2411 Shibata H, 2280 Shibata J, 457 Shiffman MF, 2220 Shigemori H, 48 Shiina S, 2398 Shim J, 1866 Shimakage N, 893 Shimazu M, 1306 Shimizu M, 287 Shinoda M, 198, 949

Shiozaki H, 1193 Shiratori K, 1561 Shiratori Y, 1213, 1831, 2398

Shirazi S, 1015 Shivley S, 2239 Sibirsky O, 2010 Sidhom O, 472 Sidhu SS, 1569 Sidi Y, 730 Sieg A, 28 Sikuler E, 1941 Silen W, 2495 Silviani V, 2336 Simpson K, 2152 Singer MV, 247 Singh K, 887

Singleton JW, 931

Sipponen P, 96S Skinner SA, 373 Skjonsberg G, 2170 Slee B, 1642 Slot WB, 1395 Slusser SO, 1824 Smallwood RA, 63S Smart R. 2660 Smith MS, 793 Smith PH, 2694 Smout AJPM, 2037 Smyth J, 2152 Sninsky CA, 1892 Snowdon CF, 1642 Soinila S, 2250 Solcia E, 121S Soll A, 121S Sontag S, 590 Sood G, 887 Soper BD, 2022 Sørbye H, 1669, 1720, 2509 Soresi M, 2555 Sorgato G, 1054 Sorrentini I, 685 Souto JC, 1524, 1883 Sowa M, 1005 Speekenbrink A, 2456 Spirchez Z, 1365 Sprovieri G, 2341 Stallmach A, 2438 Stalnikowitz R, 2070 Stanley J, 2522 Stapleton GN, 1246 Stark A, 960 Starzl TE, 41, 1041 Steer ML, 1547 Stein P. 2660 Stellini R, 528 Sterling RK, 2220 Stern M, 2438 Stetsko PI, 1431 Stinson RG, 1297 Stockhorst H, 338 Störkel S, 763 Storkholm JH, 976 Strader DB, 153 Strobel NHP, 651 Stroff T, 2460 Sturniolo GC, 1388 Su AY, 2197 Sud R. 2368 Sueri L, 528

Sugerman HJ, 2220 Sugimoto T, 872, 2704 Sugita H, 2177 Sumi S, 1207 Sumi T, 1554 Sumii K, 2064 Sumii M, 2064 Sumino M. 48 Sun X, 495 Sung JY, 1167, 2516 Suozzo R, 263 Suri S. 2368 Surrenti C, 2497 Suwak B, 1093 Suzaki T, 2407 Suzuki T, 722, 1679 Svanes K, 1669, 1720, 2509 Szold A, 1231

Tabata A, 2630 Taegtmeyer H, 120 Tajiri K, 1060 Takada H. 1831 Takahashi T, 1946 Takakuwa H, 2407 Takaori K. 1207 Takeuchi K, 274, 670, 865 Takeuchi M, 859 Takeuchi T, 1561 Takikawa H. 1792 Talley N, 2322, 2660 Talley NJ, 128, 584, 819, 1345 Tamaki H, 661 Tamiya Y, 893 Tamura H, 793 Tamura T, 814 Tan CC, 580 Tanaka A, 1213 Tanaka J, 2602 Tanaka M, 457, 2398 Tanaka O, 893 Tani Y, 1837 Tanikawa K, 48 Tanimoto M. 198, 949 Tankurt E, 427 Tarasco V, 1054 Tari A, 2064 Tarnawski A, 2481 Tashiro H. 1306 Tatsuta M. 696 Taub E, 282, 2647

Taura Y, 457

Tawaraya H, 465 Taxonera C, 1423 Taylor J, 1890 Teng CH, 580 Teplick SK, 701 Tepperman BL, 2022 Terano A, 872, 2704 Tetta C, 1054 Teyssen S, 247 The European Pantoprazole Study Group, 1360 Thomas C, 1757 Thompson D, 986 Thompson JS, 1491 Tielemans Y, 121S Tiomny E, 2431 Tobi M, 1526, 1531 Toda G, 1213 Toki F, 1561 Tomei E, 349 Tominaga K, 2002 Tomita A, 1226 Tomita T, 996 Tomiya T, 41 Toner BB, 986 Torsoli A, 76, 305, 349 Toseland CDN, 2694 Toyonaga A, 48 Tozuka S, 2434 Trande P. 8 Trellis DR, 1614 Tremaine WJ, 1474 Trimble KC, 1098, 1607 Trippler M, 763 Tsai H-M, 2411 Tsai S-L, 2107 Tsuchiya M, 1193, 1451, 2477 Tsuji S, 1132 Tsujii M, 1132 Tsunada S, 717 Twersky Y, 668 Tzakis AG, 1041 Tzovaras G, 2724

Uchida K, 1207, 2043, 2407 Uchida N, 2550 Uchida T, 1679 Udassin R, 1035 Uehara H, 696 Ulusoy NB, 427 Unthank JL, 709 Urdea MS, 2595

Uribe A, 2490 Ursin H, 1105 Usai P, 1906

Vaira D, 1622 Van Kerckhove EJM, 1125 Van Thiel DH, 41, 1041, 1147 Vanberge-Henegouwen GB, 2037 Vanner SJ, 1325 Vantini I, 2286 Vantrappen G, 1317 Varas MJ, 1703 Varesco L, 402 Vargas JA, 1538 Vassilakis JS, 2724 Vaules WA, 1982 Venturi C, 1388 Vergura M, 1622 Verne GN, 1892 Verneau C, 2540

Vesselinova-Jenkins C, 2383

Vernia P, 305

Vetsi A, 406 Vianello F, 2473 Victor BE, 120 Vidon N, 2635 Vigneulle RM, 211 Villa E, 8 Villadsen GE, 976 Vinter-Jensen L, 2717 Virjee J, 1956 Vissuzaine C, 752, 1275 Vogel W, 1805, 2117

Vogelsang H, 800 Volta U, 1902

Wada K, 1679 Wagner KA, 134 Wagreich J, 1866 Wakabayashi G, 1306 Wakefield AJ, 793 Walan A, 96S Waldum HL, 1669 Walger P, 402 Walker E, 1511 Walker S, 2678 Walker SE, 1951 Wall WJ, 52 Wallace JL, 192 Wallmark B, 3S Walsh JH, 50S Walsh RM, 1786

Walshe K, 2456 Walt RP, 24S Wang F, 552 Wang H, 1325 Wang J-T, 385 Wang L-Y, 385 Wang T-H, 385 Ward SC, 2516 Waring JP, 1093 Warshaw AL, 2184 Watanabe M, 465 Watanabe S-I, 1561 Watanabe T, 1340, 2469 Weaver AL, 584

Weber E, 1024 Weber HC, 153 Webster RB, 1506 Wee A, 580 Wegener M, 1445 Weihe E, 366 Weir D, 2456 Weisbruch JP, 828

Wessbecher R, 1185 West AB, 1261 West G, 1498 Westby J, 2509

Werf SDJVD, 1395

Wetscher GJ, 853, 1292, 1297 Wheatley T, 315

Whitehead WE, 986, 2647 Wienbeck M, 636 Wiesel M-L, 1525 Wilcox CM, 2192 Wilcox MG, 709 Wilhelmsen I, 1105 Williams C, 1174 Winell-Kapraali M, 2490

Wirshup JF, 1687 Wirth HP, 800 Wisser H, 2678 Wolfe MM, 50S

Woltering EA, 1464 Wong HM, 2022 Wong KC, 1542 Wright NA, 121S

Wu C-S, 2214 Wu C-Z, 1963 Wu S, 843

Xia H, 1627 Xu Z, 1014 Xynos E, 2724 Yaari A, 1941 Yagi M, 893

Yagi N, 2019, 2300

Yajima N, 879 Yamada H, 1213 Yamada N, 1005

Yamada T, 598 Yamada Y, 1087

Yamaguchi H, 2162 Yamaguchi T, 949 Yamaguchi Y, 548, 2177

Yamaji K, 1837 Yamamoto G, 2064 Yamamoto Y, 859, 1226 Yamanaka M, 1792 Yamaoka M, 41

Yamasaki K, 2469 Yamasaki K, 661, 2469 Yang DH, 1083

Yang H, 1014 Yano I, 2630 Yap I, 576, 580 Yarze JC, 74 Yasuda K, 2630

Yasui K, 2423 Yegen BC, 427 Yeh C-T, 2107, 2214

Yeo CJ, 1738 Yeo W, 2516 Yeoh KG, 576, 580 Yeomans ND, 81S Yoon CM, 1083 Yoshida H, 1831

Yoshida K, 1561 Yoshida M, 1306 Yoshida N, 2300

Yoshikawa T, 2019, 2300 Yoshimura E, 1837 Yoshioka M, 1193

Younossi ZM, 575 Yu S-C, 1963

Zachoval R, 1221 Zajicek G, 730 Zajko A, 1041 Zangerl G, 1805 Zeisel SH, 1982 Zeuzem S, 2587

Zeuzem S, 2587 Zhang X-Y, 1118, 1729

Zhang Z, 1691 Zhou D, 1014 Zighelboim L 13 Zinner MJ, 774 Zinsmeister AR, 819, 1345 Zuckerman A, 960 Zuckerman GR, 1614 Zuckerman MJ, 1763 Zurlo J, 1824

# **Subject Index to Volume 40\***

Abscess drainage (letter), 1582

Absorption kinetics, 2259

Abnormal neurogenic factors, 2450

Abstracts

sensitive gastrointestinal disorders-Fedotozine, 235

Acetaminophen

hepatotoxicity, 1951

Acetazolamide, 241

Acetic acid, 503

Acetic acid-induced gastric ulcer, 2469

Acetic acid-induced ulcer, 2477

Acetylcholine, 1982

Achalasia-like syndrome, 2081

 $\alpha_1$ -acid glycoprotein, 1174

Acid-induced esophagitis, 1651

Acid-related diseases

acid suppression and 24S

Acid secretion

pharmacological aspects and, 3S

Acid suppression

long term in man and, 96S

microbial flora of upper gut and, 81S

Active Crohn's disease, 2641

Active oxygen species, 1306, 2300

Activin A production

intestinal epithelial cells and, 2280

Acute alcoholic hepatitis, 2119

Acute/chronic pancreatitis, 1974

Acute duodenal ulcer

pantoprazole and, 1360

ranitidine, 1360

Acute gastric mucosal lesion, 1306

Acute pancreatitis, 540

endothelin-1 and, 1207

gabexate mesilate and, 734

human epidermal growth factor receptor and, 2134

interleukin-6 and, 2341

interleukin-8 and, 2341

 $\beta_2$ -microglobulin and, 2341

nitric oxide and, 2162

trypsinogen activation peptides and, 2162

Adaptive cytoprotection

cultured gastric cells and, 872

Ileum, cystic fibrosis and, 107

Adenosquamous carcinoma, 100

Adrenoceptors, 2623

Adult celiac disease, 1906

#### AIDS

cryptosporidium infection and, 186

Helicobacter pylori and, 1622

Alcoholic cirrhosis, 1252

Alcoholic liver disease, 1243

Alkaline phosphatase, 1193

Alpha-beta T cell, 291

Aminopyrine breath test (letter), 1581, 2417

5-aminosalicylic acid, 943

#### Ammonia

gastric mucosal lesions and, 268

Ampulla of vater/duodenal wall spasm, 1710

Amylomaize starch, 2540

## Anismus

sexual abuse and, 1411

Anorectal function

nicotine and, 2239

Anticardiolipin antibodies (letter), 1039, (letter)

1040

Anti-cord factor antibodies, 2630

Anti mitochondrial antibody, 1232

Antinuclear antibody, 1232

Anti-neutrophil cytoplasmic antibody, 1866

Anti-p53 autoantibodies, 2587

Antireflux therapy, 1093

Antisecretory drugs, 24S, 63S, 2016

Antivillin autoantibodies, 389

Antral hypomotility, 129

Antroduodenal manometry, 1710

Antropyloroduodenal region, 901

Appendicitis, 366

Arachidonic acid metabolites, 2460

Arterioportal fistula, 1041

5-ASA

distal refractory ulcerative colitis and, 305

ASA injury

nicotine and, 936

Ascites concentration and reinfusion, 1054

Asialo GM<sub>1</sub>-positive cells, 2398

Adenocarcinoma

<sup>\*</sup> S after page number indicates February supplement.

Aspirin

gastric mucosal injury and, 2300

Aspirin damage, 1357

Aspirin injury, 1351

Autofluorescence, 1261

Autoimmune cholangitis, 1232

Autoimmune hepatitis, 435

anti-sinusoida endothelial cell antibody and, 1213

HCV RNA and, 33

interferon treatment and, 1842

Autoimmune pancreatitis, 1561

Bacterial biofilm, 1167

Bacterial enzymes, 2641

Bacterial translocation, 1798

Basic fibroblast growth factor, 1451, 2477

Bile acid therapy, 1956

Bile acid transport

olsalazine and, 943

Bile duct stone, 2550

Bile ducts turnover, 730

Bile salts, 1193

Biliary cancer, 2411

Biliary obstruction, 2368

Biliary stents, 1167

Biomechanical wall properties, 976

Black pigment gallstones, 534

Bleeding

acute upper gastrointestinal and, 256

Bowel patterns

ethnic groups and, 1763

Bradycardia (letter), 539

Bradykinin, 1913

Bran treatment, 349

Bromobenzene, 730

Brush border membrane, 1193, 2438

Buthionine sulfoximine, 1297

Camostate (letter), 546

Capsaicin, 503, 580, 2460

Carbonic anhydrase, 241

Carcinogen penetration, 1720

Cathepsin D, 2473

<sup>13</sup>C Breath tests, 2200

CD4+ T-lymphocytopenia, bacterial esophagitis and,

183

Cecum

reservoir functions and, 1015

Celiac disease, 1902

gallbladder and pancreatic dysfunction and, 2380

pancreatic enzyme and, 2555

Cell proliferation, 2490

Cerulein-plus-stress-induced chronic pancreatitis,

Chagas' disease, 177

Chemolytic solvents toxic effects and, 421

Cholangiocarcinoma, 701

Cholangitis

eosinophilic gastroenteritis and, 308

Cholecystectomy, 2323

Cholecystectomy rate, 2582

Cholecystitis, 1157

Cholecystokinin, 1149, 2614

diabetic patients and, 406

gallbladder and (letter), 427

gallbladder motility and, 529

gastric injury and, 651

Choledochal epithelium, 2561

Choledochoenterostomy, 2561

Choledocholithiasis

normal LFT<sub>s</sub> and, 1065

Cholelithiasis, 2540

Cholelithiasis in Taiwan, 1963

Cholesterol embolism, 481

Cholesterol gallstones, 534

Chronic active hepatitis, 2602

Chronic active hepatitis C

IFN and, 1226

Chronic constipation

dermatoglyphics and, 1420

Chronic hepatitis B

interferon and, 1

HBeAg defective mutants and, 1

Chronic hepatitis C, 2587, 2595

interferon and, 2431

Chronic hepatitis C virus

soluble interleukin-2 receptors and, 1837

interferon- $\alpha$  and, 1837

Chronic liver disease, 552

prognosis and, 1805

life expectancy and, 1805

Chronic nonorganic constipation, 349

Chronic obstructive pulmonary disease, 256

Chronic pancreatitis

 $\alpha_1$ -antitrypsin deficiency and, 1997

diabetes and, 2356

Chronic ulcerative colitis

IgA levels and, 805

ileum and, 805

Chronic viral hepatitis

DR3 and DR4 and, 2098

Chylous ascites, 1946

Cirrhosis, 2128

ascites and, 561

## SUBJECT INDEX

bacterascites and, 561 fatal vibrio parahemolyticus and, 1257 hepatitis, chronic viral and, 21 hepatitis C virus and, 8 thrombocytopeia and, 1575 Cisapride, 901, 1428 C-met, 1132

Colitis

eosinophilic gastroenteritis and, 308 Collagenous colitis, 1400

Colon

hydrogen peroxide and (letter), 1290 increased vascular density and, 373 Colon 38 adenocarcinoma, 2398

Colon cancer

autoantibodies to villin and, 389 multidirectional differentiation and, 100 SPan-1 antigen and, 1005

transglutaminase and, 685 Colon contractions

analgesic effects and, 1417 Colonic adenoma-adeno-carcinoma, 996 Colonic epithelial permeability, 2268 Colonic adenomatous polyp registry, 2526 Colonic angiodysplasias, 839 Colonic lactate metabolism, 320

Colonic lactate metabolism, 320 Colon transit scintigraphy, 2660

Colorectal cancer, 1531 acetylspermidine and, 1271 prolactina and, 2010

Colorectal cancer cell lines, 1526 Colorectal cancer prevention, 2526

Colorectal neoplasms, 2522 Common bile duct (letter), 539 Compensatory hypertrophy, 960

Computed tomography, 2568 Computerized tomography, 1956

Computer signal processing, 1659

Confocal microscopy, 1261 Congestive gastropathy, 263 Contrast media, 1547

Corticosteroid treatment, 183 C-reactive protein, 2341

Crigler-Najjar Syndrome Type II (letter), 575 autosomal recessive inheritance and, 28

Crohns disease, 2630 aseptic systemic abscesses and (letter), 525 cyclosporine and steroids and (letter), 528 deficiency of water-soluble vitamins, 2549 factitious physical disorders and (letter), 1394 familial polyposis syndrome and, 402 interferon-α and, 800

invasive aspergillosis pneumonia and (letter), 528 mesalamine and, 931

relapse prediction and, 1750 small bowel changes and, 1388

soluble interleukin-2 receptor and, 1750

thrombotic complication and, 1395

up regulation of adhesion molecules and, 219

Cryoglobulinemia, 763

Cryptosporidium gastropathy, 186 Crypt-villus cell preparations, 2438

Crystals, 412

Culture-negative neutrocytic axcites, 561

Cyclooxygenase activity, 1679

Cyclosporine A, 1934

primary biliary cirrhosis-autoimmune hepatitis overlap syndrome and, 1069

Cytolysis, 879

Cytosolic CA<sup>2+</sup>

gastric cell injury, 2022

Cytotoxicity, ulcerative colitis and, 198

De-Nol treatment, 2016

Diabetes

dyspepsia, 2037

Diabetes mellitus, 828

Diabetic gastroparesis erythromycin and, 141

Diarrhea

abdominal pain and, 1873 bowel habits and, 1873 incontinence and, 1873

Diclofenac, 1435

Dietary fats

intestinal fatty acid composition and, 338

Diet pancreatitis, 2349 D-lactic acidosis, 320 DNA ploidy, 996

Dorsal motor nucleus of vagus, 2312

Double-isotope method, 722 Drug-induced hepatitis, 2434

Duodenal loop, 128 Duodenal ulcer, 1105

parietal cell calcium and, 889 tobacco cigarette smoke and, 1112

Duodenal villous damage, 1729 D-xylose hydrogen breath tests, 2259

Dyspepsia, 584

duogenogastric reflux and, 1703

nonsteroidal anti-inflammatory drugs, 1345

Ecabet sodium, 661

Echinococcal cyst (letter), 1231 Ectopic sebaceous gland, 287

Edematous pancreatitis in dogs, 2156

Editorial

virtue and physicians, 229

Eisai hyperbilirubinemic rats, 1792

Elastase inhibitor, 2177 Elastic wall properties, 976

Electrogastrography, 893, 1445

Endogenous cholecystokinin gallbladder and, 76

Endogenous prostaglandins, 651, 2227

Endoscopic manometry, 745

Endoscopic retrograde pancreatography (letter),

Endoscopic ultrasonography, 598

Endoscopic variceal sclerotherapy, 1569

Endothelial cells, 2300

Endotoxin resistance, 495 End-stage renal disease, 2576

Enteral feedback inhibition, 1025

Enteric bacteriology, 1798

Enteric nervous system, 241

Enteric neuroendocrine products, 1691

Enterochromaffin-like cell carcinoids, 50S Enterochromaffin-like cells, 121S, 2207

Enterocyte barrier function

reactive oxygen metabolites and, 510

Eosinophilic gastroenteritis, 308

Epidermal growth factor, 1679, 2497, 2717

normal and portal hypertensive human gastric mucosa and, 263

Epithelial cell proliferation, 2684

Epithelial restitution, 2495

Erosive reflux esophagitis, 590

E-selectin, 1005

Esophageal achalasia

human viruses and, 859

Esophageal balloon distension

chest pain and, 1325

Esophageal Crohn's disease (letter), 837

Esophageal epithelium, 2717

Esophageal manometry, cardio-vascular dysphagia and, 166

Esophageal mucosa

nicotine-induced free radical production and, 853

Esophageal neuromuscular function, 2390

Esophageal peristalsis, 2724

Esophageal physiology, 1311

Esophagitis, 1423

Esophagus infection, 606

Ethanol

gastric mucosa and, 120

Ethanol cholestasis in isolated perfused rat liver, 1592

Ethanol-induced gastric lesions, 661

Evans blue dye, 2623

Exocrine pancreatic function, 2576

Experimental colitis

mast cells and, 1757

Experimental gastric ulcers, 2481

Extracellular, 685

Extracorporeal piezoelectric lithotripsy, 1185

Extracorporeal shock-wave lithotripsy, 1179

Esophageal pressure events, 1659

Esophagogastroduodenoscopy, 1824

Esophageal band transection, 2197

Factor analysis, 2647

Familial adenomatous polyposis, 402

Famotidine, 2064

Fatty liver in children

obesity and, 2002

Fecal  $\alpha_1$ -antitrypsin, 2522

α-fetoprotein, 2587

Fibrosis, 2128

First pass metabolism, 2712

First-pass metabolism of alcohol

cimetidine, 2091

diurnal variation, 2091

FK-506, 1934

Focal nodular hyperplasia, 2407

Folic acid, 396

Fractionated irradiation, 1691

Free radical scavengers

ulcers and, 2019

Functional dyspepsia, 1105

intraduodenal lipid and, 1636

quality of life and, 584

Functional gastrointestinal disease

visceral sensation and, 1607

Function bowel disorders

severity index and, 986

Gabexate mesilate

metaanalysis and, 734

Gallbladder

disease conditions and, 2323

extracorporeal shock wave lithotripsy, 1179

motility and, 2323

preduodenal mechanisms and, 739

radioactive choline metabolism, 1982

Gallbiadder bile, 2220

Gallbladder disease, 1956

Gallbladder emptying

## SUBJECT INDEX

liver cirrhosis and, 428

Gallbladder function

gastrectomy and, 722

Gallbladder motility, 529

aspirin and, 1782

Gallbladder protein production, 1990

Gallstone disease

biliary  $\alpha_1$ -acid glycoprotein and, 1786

Gallstone formation, 529

Gallstone recurrence

methyl tert-butyl ether and, 1775

Gallstone

dissolution and, 1775

epidemiologic studies, 2189, 2191

risk factors and, 1770

Gallstone pathogenesis, 2323

Gallstone prevalence, 2582

Gallstone recurrence, 2568

Gamma-delta T cells, 291

Gastric acid, 2481

Gastric acid hypersecretion

ranitidine and, 1687

Gastric acid secretion, 2312

Gastric alsohol metabolism, 2712

Gastric alkaline secretion, 865

Gastric blood flow

carcinogens, 2509

Gastric cancer

helicobacter heilmannii and (letter), 1013

Gastric damage, 2312

Gastric distension, 2673

Gastric emptying, 2029, 2043

cisapride and, 2200

Gastric H<sup>+</sup>/K<sup>+</sup>-ATPase, 2064

Gastric microorganism, 2070

Gastric mucosa blood flow, 1720, 2312

Gastric mucosal cell biology, 121S

Gastric mucosal energy metabolism, 120

Gastric mucosal healing, 2460

Gastric mucosal histamine, 2207

Gastric mucosal lesions

tobacco cigarette smoke and, 1118

Gastric mucosal protection, 2227

Gastric mucus, 2317

Gastric myoelectrical activity, 2614

Gastritis

serology and, 609

Gastroduodenal mucosa

Chili and, 580

Gastroduodenal ulcers

misoprostol and, 1125

diclofenac and, 1125

Gastroduodenojejunal motility tests (letter), 792

Gastroesophageal reflux, 2305

hiatal hernia and, 2724

Gastroesophageal reflux disease

chronic cough and hoarseness and, 1093

symptomatic but not excess and, 1098

Gastrointestinal bleeding

stool color and, 1614

Gastrointestinal hemorrhage, 256, 1614, 2516

anticardiolipin antibodies and (letter), 1039 (let-

ter), 1040

Gastrointestinal manometry, 1892

Gastrointestinal ulceration, 2694

Gastroprotection, 2295

Gastroprotective dairy foods, 2995

Gastrospirillum hominis (letter), 463

Giardiasis, 346

Glasgow coma scale score, 645

Glucagon-like peptide-1

gastric acid secretion and, 1074

B-glucuronidase, 1963

Glutathione, 1297

Goblet cells, 519

Graft-versus-Host disease

colonic injury and, 1925

Granulomatous hepatitis, 2117

Growth factor receptors, 485

Growth of gastroenterology, 1851

5-HT<sub>1A</sub> receptor agonist, 2317

H<sub>2</sub>-receptor antagonists, 2678

Helicobacter felis, 147

Helicobacter heilmannii

gastric cancer and (letter), 1013

Helicobacter pylori, 2473, 2487

bile samples and, 2214

detection and, 109

epithelial cell proliferation and, 1627

eradication and, 115, 1627

gastric cancer and, 385

gastric carcinoma and, 1627

gastric injury and, 1332

gastric juice ammonia vs CLO test and, 1083

gastric mucosal damage and, 268

gastric ulcer scars and, 1087

gastritis and, 153

HIV-1 status and, 1627

nonulcer dyspepsia and, 115, 2322

NSAIDS and, 2074

parietal cells and, 147

ulcer relapse and, 1087

vitamin C levels in gastric juice and, 615

Helicobacter pylori gastritis

clarithromycin and carbamazepine interactions and, 912

Hemodialysis, 2576

Hepatic free radical formation, 1045 Hepatic immune surveillance, 2398

Hepatic necrosis

prostaglandin I2 analog and, 41

Hepatitis, chronic viral, 21

hepatitis B and, 21

PICP and, 21

Hepatic fibrosis and, 21

Hepatitis B

serum levels of IFN, 2107

Hepatitis B immune globulin, 566

Hepatitis B vaccine, 566

Hepatitis B virus, 566

Hepatitis C

monokine and, 2423

Hepatitis C viral antigens, 2595

Hepatitis C virus, 1583

aplastic anemia and, 763

asymptomatic carrier and, 465

core and, 457

hepatitis B virus and, 8

interferon- therapy and, 1221

Hepatitis C virus-RNA interferon therapy and, 14

Hepatitis D virus, 1583

Hepatocellular carcinoma, (letter), 706, 2516

major histocompatibility complex class II and, 1542

Hepatocyte growth factor, 1132

Hepatolithiasis, 2143

lectin histochemical study and, 757

Heterotopic pancreas, 2373

Highly selective vagotomy, 2081

Histamine, 1669

Histamine H<sub>3</sub> receptors

gastrointestinal tract and, 2052

Histamine receptor antagonists, 717

Histidine decarboxylase, 717

HIV

hemophiliacs and, 1583

HIV infection

bacterial esophagitis with CD4+ T-lymphocytope-

nia and, 183

HIV-positive patients

esophageal ulcerations, 1147

thalidomide and, 1147

Hot biopsy forceps, 2197

H. pylori infection

family and, 2669

Human esophageal and salivary secretion, 1642

Human umbilical cord, 1902

Human mucosal immune system, 1934

Hydrogen gas clearance, 1112, 1118

Hyperemic response, 1669

Hypergastrinemia, 50S

Hypochlorhydria, 50S

Hypochlorous acid, 268

Hypothyroidism, 1941

Idiopathic chronic constipation, 2450

Idiopathic constipation, 2660

erythromycin and, 2446

Idiopathic perforation of sigmoid colon (letter),

1408

IgA anti-endomysial antibodies, 1902

IgA class antibody

Hepatitis C virus core and, 457

Ileal pouch-anal anastomosis, 1474

Immunomodulation

transplant rejection and, 58

Impedana planimetry, 976

Indomethacin, 2019, 2490

Inflammatory bowel disease

altered endothelial function and, 793

antiphospholipid antibodies and (letter), 1524, (let-

ter) 1525

colonic epithelial cells and, 949

growth factor receptor expression and, 485

interleukin-2 receptor and, 291

interleukin 6 and, 949

lactate and, 1372

macrophages and, 949

neutrophil function and, 192

nutritional support and, 843

prothrombotic state and, 1883

short-chain fatty acids and, 1372

up-regulation of adhesion molecules and, 219

Inflammatory fibroid polyp (letter), 812

Inflammatory pseudotumor, 2373

Interdigestive gastrointestinal motility, 2608

Interferon- $\alpha$ , 2113

Interferon therapy, 2423

Interleukin-7, 1744

Intestinal bacterial overgrowth, 1252

Intestinal blood flow, 1729

Intestinal cytokines, 1498

Intestinal epithelial cells, 1859

Intestinal ischemia, 1035, 1039 (letter)

Intestinal ion transport, 241

Intestinal lymphocytes, 1744

Intestinal mucins, 2532

Intestinal motility, 1035

#### SUBJECT INDEX

Intestinal muscle, 1491
Intestinal obstruction, 2236
Intestinal perforation, 481
Intestinal pseudoobstruction, 1892
Intestinal transit, 1798
Intestinal transplantation, 1925
Intestinal transport, 1738
Intestinal tuberculosis, 2630
Intestinal uptake of microparticles, 967
Intracorporeal electrohydraulic lithotripsy, 1185
Intraepithelial cells with irregular nuclear contours,

2305
Intragastric pH, 247
Intrahepatic bile ducts in infancy, 82
Intrahepatic stones, 2143
Intraoperative cholangiogram (letter), 539
Intraoperative enteroscopy, 2236
Iron-deficiency anemia
gastrointestinal bleeding and, 1283

Irritable bowel syndrome, 2647
biliary dyskinesia and, 1149
fedotozine, 2244
imipramine and motility and, 86
intraluminal gas and, 1381
manning criteria and, 983
nonpatients (IBS-NP) and, 1511
sleep and, 2383
visceral perception and, 819
Ischemia-reperfusion injury, 709
Isoproterenol, 2227
Isosorbide dinitrate, gastroesophageal reflux and,
177

Ketorolac, 147 Ketotifen, 503, 1140 Kupffer cells, 548, 552

Lactose maldigestion

children and, 1506
Lanzoprazole
erosive reflux cesophagitis, 590
Large bowel obstruction, 315
Leaking pancreatic duct (letter), 749
Leiomyomas
esophageal muscle thickening and, 916

Leukocyte antigens, 2098 Leuprolide acetate (letter), 1405, (letter) 1406 Lipid absorption, 2456 Lipid peroxidation, 879 Listeria monocytogenes peritonitis (letter), 74 Lithocholate-3-sulfate excretion, 1792

iver

inflammatory pseudotumor and, 752 malignant schwannoma, 1279 Liver anomaly, 2411 Liver biopsy liver transplant recipient and, 1041 Liver blood flow, 1246 Liver cirrhosis gallbladder emptying and, 428 Liver injury acetaminophen and, 1831 herbal medicine and, 1843 Liver tumors, 2407 LKM-1 auto antibodies, 763 Lower esophageal sphincter, 598 Luminal dopamine, 1738 Lung hemorrhage, 2177 Lysophosphatidyclcholine, 1990

Manning criteria, 2647
Mast cells, 331, 1651
human ileocecal region and, 357
Megarectum
manometric and radiologic variables, 2286
Melena, 1459
Mepirizole-induced duodenal ulcer, 670
Mesenteric vasoconstriction, 709
Metal ions, 2704
Metronidazole, 2731
Microflora, 2532
Microvasculature
colonic tumors in humans and, 373
Migrating motor complex, 2383
Misoprostol, 1435

Misoprostol, 1435
Modulation of gastric mechanosensitivity, 1636
Monoclonal antibodies
solid organ transplantation and, 65
transplant rejection and, 58
Monoclonal antibody immunosuppression, 65
Motilin receptor agonist, 2446
Mucoid cap, 1720
Mucosal cell proliferation
time course and, 1351
Mucosal proliferation
aspirin and (letter), 668

Mucosal protein turnover, 2465 Multiple endocrine neoplasia syndrome, 121S Munchausen's syndrome, 226, 1922, 1924 Myoelectrical activity, 1428 Myofibroblast, 2477

Na<sup>+</sup>/H<sup>+</sup> exchange, 774 Na<sup>+</sup>/H<sup>+</sup> exchanger, 2336 NADPH-Diaphorase, 781

Necropsy study, 2582

Necrotizing pancreatitis, 2184

Neural networks, 1659

Neutropenia, 2694

Neutrophil, 2177, 2300, 2694

Neutrophil dysfunction, colitis and, 192

NH<sub>4</sub>CI, 274

Nitric oxide, 670, 865, 1729, 2450

Nitroblue tetrazolium, 2390

Nitroxides, 1140

Nizatidine, 2043

N-methyl-N'-nitro-N-Nitrosoguanidine, 2509

Nociception, 1325

Nox generation, 1859

Nondiagnostic esophagogas troduodenoscopy, 1459

Nonesterified fatty acids, 540

Non-HLA-linked-hemochromatosis, 1589

Nonocclusive mesenteric ischemia, 709

Nonsteroidal antiinflammatory drugs, 315, 2220, 2684

ulcerogenesis in rats and, 134

Nonulcer dyspepsia, 1428 helicobacter pylori and, 2731

Nucleation time, 1174

Obesity

gastroesophageal reflux and, 1632

Obstructing esophageal lesion

localization and, 2192

Obstructive jaundice

gentamicin and, 1060

pancreatic growth and, 1554

renal failure and, 1060

Octreotide, 1892

secretory diarrhea and, 1464

**OKT3** induction

liver transplantation and, 52

Olsalazine, 943

Omeprazole, 160, 241, 1S, 1521, 1569, 2070

Oral contraceptives, 2417

Organ specific neoantigen, 1531

Ornithine decarboxylase activity, 396

Oxidative phosphorylation, 120

Oxygen free radicals, 2704

PAF (platelet-activating factor, paf-acether), 495,

2635

Pancreas divisum

endoscopy and, 1974

Pancreas microcirculation

secretin and, 1199

cholecystokinin and, 1199

Pancreatic ascites (letter), 749 Pancreatic blood flow, 2356

Pancreatic cancer

endoscopic ultrasonography and, 696

Pancreatic duct, 2336

Pancreatic enzymes, 739

Pancreatic glucagon, 1816

Pancreatic insufficiency

intestinal morphology and cytokinetics, 2170

Pancreatic insulinoma, 2368

Pancreatic polypeptide

diabetic patients and, 406

Pancreatitis, 1547, 1798

cerulein-induced in rats (letter), 546

Schonlein-Henoch purpur and (letter), 750

Pancreatitis-associated protein, 519

Paneth cells, 519

Papillary dilation, 2550

Paraesophageal herniation, gastric ulcer and (let-

ter), 191

Parietal cells, 2678

Helicobacter and, 147

Particle absorption, 967

Particle quantification, 967

Peptic ulcer, 631, 2473

chili and, 576

Peptic ulcer healing, 2497

Perception threshold, 2673

Percutaneous endoscopic gastrostomy (PEG) tubes

nursing home patients and (letter), 920

Peritoneovenous shunt, 1946

Pernicious anemia

natural killer cells and, 1538

Phorbol myristate acetate, 2268

Plasma glucagon, 1816

Plaunotol, 2321

hypergastrinemia and, 160

Polyethylene glycol-400, 2029

Polymorphonuclear leukocytes, 412

Portal hypertension, 1816, 1941, 2121

Portal vein ligation, 1941

Postcholecystectomy dyspepsia, 1703

Postcholecystectomy syndrome, 1703

Postmortem cholangiography, 2128

Postsclerotherapy esophageal complications, 1569 Pouchitis, 1474

Precove and Proximal core regions, chronic hepatitis B and, 1

Pregnancy

antisecretory drugs and, 635

primary biliary cirrhosis and, 571 sigmoidoscopy and, 472

2760

Digestive Diseases and Sciences, Vol. 40, No. 12 (December 1995)

## SUBJECT INDEX

Primary biliary cirrhosis, 571, 2113

autoimmune hepatitis overlap syndrome and, 1069

IFN treatment and, 1226

Proabsorption, 774

Propofol, 2364

Prostaglandin E<sub>2</sub>, 1679

Prostaglandins, 1669

Proteases, 2268

Protein gene product 9.5 immunoreactive nerves

inflamed appendix and, 366

Pseudo-Crohn's disease, 226

recurrent and, 1922

Pyloric stenosis

tuberculous and, 1909

Quality of ulcer healing, 2469

Radiation

canine small intestine and, 211

Radioprotection

canine small intestine and, 211

Ranitidine, 247, 645

stress bleeding prophylaxis and, 647

Rat iron absorption

transferrin and, 1484

Reactive oxygen metabolites, 510, 2268

Rebamipide, 2469

Rectal bleeding

middle-aged adults and, 1520

Reduced liver grafting, 1246

Reepithelialization, 2495

Reflux disease

pH monitoring and, 1317

Reflux esophagitis, 598

free radicals and, 1292, 1297

Refractory pouchitis, 1866

Refractory pouchitis, 1866
Refractory ulcerative colitis, 305

Reinnervation, 1451

Renal failure

antral emptying and, 636

RT-PCR, 1504

Sacroiliitis, 1906

S-adenosyl-L-methionine, 1592

Scientific advance

gastroenterology and, 1851

Sensory neurons, 2460

Sensory thresholds, 1607

Septicemia, 1257

Serotonin, 2317

Serum gastrin levels (letter), 622

Serum iron, 2431

Serum pancreatic enzymes, 2576

Short-chain fatty acids, 1474

Sigmoid

high-resistance conduit and, 1015

Sigmoidoscopy

pregnancy and, 472

Simultaneous esophageal pH monitoring, 1423

Sjögren's syndrome, 1561

Small bowel

bacterial overgrowth and, 2456

cholesterol embolism and, 481

Small intestine, 2623

Smoking, 2608

Sodium butyrate

distal refractory ulcerative colitis and, 305

Somatostatin, 678

Sphincter of Oddi, 2364

fat and 745

gastric distension and, 745

Sphincter of Oddi dysfunction

orthotopic liver transplantation and (letter), 73

Sphincter of Oddi manometry, 1710

Splanchnic hemodynamics, 2121

Splenectomy, 2398

Spontaneous bacterial peritonitis, 1252

Sporadic Zollinger-Ellison syndrome

carcinoid tumors and, 1275

Stress

gastrointestinal disorders and, 282

Stress-related upper gastrointestinal tract bleeding,

045

Stress ulcers, 2295

Substance P-immunoreactive innervation, 2250

Substance P-like immunoreactivity (SPLI), rat du-

odenum and, 96

Sucralfate, 661

Superoxide dismutase, 1297

Suprahepatic gallbladder, 2411

Suprahepatic vein oxygen tension, 1243

Surface hydrophobicity, 1357, 2295

Swallowing

changes in emotional state and, 282

Sympathetic mechanisms, 2623

Sympathoadrenergic activation

exercise-induced and, 48

portal blood flow and, 48

Symptom questionnaire, 2647

Syphacia muris, 1890

Systemic hemodynamics, 2121

Tamoxifen, 2602

T-cells lines, ulcerative colitis and, 198

T cells

intestinal response to infection and, 331

Tegafur, 2434, 2602

Thermal injury, 1306

Thrombin-antithrombin complexes, 1883

Thrombomodulin, 793

Torsion, 2656

Trans-fatty acid, 338

Transforming growth factor alpha

normal and portal hypertensive human gastric mucosa and, 263

Transjugular intrahepatic portasystemic shunt, 1575, 2121

Truncal vagotomy, 2323

Trypsinogen activation, 2152

Tryptase, 2473

Tunica muscularis

dietary fiber and, 960

Type C chronic liver disease, 457

Type II diabetes

Mexican Americans and, 625

UFTR, 2434

Ulcerative colitis, 2250, 2630, 2635

familial polyposis syndrome and, 402

HLA-DRB1\* and, 814

mesalamine for maintenance of remission and, 296 up-regulation of adhesion molecules and, 219

Ulcer healing, 2684

Ulcer research, 2487

Ulcer treatments, 2016

Ultrasonography

motor behavior of the gastric antrum and, 636

Upper gastrointestinal cytomegalovirus disease

heart transplant and, 1824

**UP-regulation** 

E-selectin and, 219

intercellular adhesion molecule-1 and, 219

Urea breath test, 109

Urea-urease

ammonia effects on gastric mucosa and, 274

Vascular ectasias, 839

Vasoactive intestinal polypeptide, 781, 828

Velocity of peristalsis, 1311

Verapamil, 2349

Viscerosensitivity, 1913

Von willebrand factor, 793, 1883

Wandering spleen, 2656

Whipple procedure, 1946

Xenograft, 548

XOD-derived superoxide radical, 1045

Yohimbine, 936

Zinc

ulcer healing and, 1340

Zollinger-Ellison syndrome, 153

Zymogen granules, 2349

